

Global Halal Sphere 2019 (<https://globalhalalsphere2019.com>)



★ **CONFERENCE DATE** 21 & 22 August 2019

★ **THEME** "Halal Sphere: Where Diversity and Inclusivity Meet"

★ **VENUE** International Institute of Islamic Thought and Civilisation (ISTAC)

**MAIN ORGANIZER**



## Global Halal Sphere 2019 (<https://globalhalalsphere2019.com>)



### COLLABORATORS



### FACTS

The growing Muslim population worldwide translates into a rising international demand for halal products. Muslim consumer expenditure recorded an increased from USD 1.9 trillion in the year 2015 to USD 2.1 trillion in the year 2017. This impressive record shows that the Halal industry is on continual growing globally. A statistical outlook projected that by the year 2023, Muslim expenditure worldwide is expected to reach USD 3.0 trillion. All these imply that exciting opportunity in the Halal economy is expanding and there is an urgent need to foster and explore the Halal sector.

**MORE INFO ⓘ ([HTTPS://GLOBALHALALSPHERE2019.COM/INFORMATIONS](https://globalhalalsphere2019.com/informations))**



# PROGRAMME SCHEDULE

## Day 1 (Wednesday, 21<sup>st</sup> August 2019)

08:00 – 08:50	Registration & Breakfast Venue: Lobby & Banquet Hall
09:00 – 09:40	<b>Keynote Speaker</b> Prof. Dr. Zhari Ismail, Universiti Sains Malaysia, Malaysia Title: The Concept of Halal Built-in Venue: Main Hall
09:40 – 11:00	<b>Invited Speaker 1</b> Dr. Marissa Grace Haque-Fawzi, Indonesia Banking School (IBS), Indonesia Title: Halal Lifestyle: A Trend or An Obligation Venue: Main Hall
11:00 – 12:00	<b>Opening Ceremony</b> By: The Honourable Puan Hajjah Fuziah binti Salleh, Deputy Minister in the Prime Minister's Department Venue: Main Hall

## Parallel Sessions 1

12:00 – 13:00	Seminar Room 7 <b>EGRET</b>	Seminar Room 8 <b>HOPPER I</b>	Seminar Room 9 <b>HALEST</b>
	<p><b>Chairperson:</b> Assoc. Prof. Dr. Siti Salwa Abd. Gani</p> <p><b>Co-Chairperson:</b> Dr. Nurulhidayah Ahmad Fadzillah</p> <p><b>EGRET 1:</b> Ismaila Badmus, Binyamin Adeniyi Ajayi, Lateef Kayode Adeyemo, Rashidah Funke Olanrewaju, Mosud Taiwo Ajala, Majeed Olaide Oladokun and Salihu Audu Abdullahi - <i>Energy Resources Utilisation Issues: Doing Away with Wastages!</i> (ID:14)</p> <p><b>EGRET 2:</b> Betania Kartika, Sitti Walida Parson, M. Aizat Jamaludin, Nur Farhanah Husman and Amal Elgharbaw - <i>The Importance of Implementing Good Aquaculture Practices Based on The Analysis of Scientific and Islamic Jurisprudence Principles</i> (ID:49)</p> <p><b>EGRET 3:</b> Saheed Busari, Luqman Zakariyah, Rahmah Osman and Miszairi Sitiris - <i>Standardization of Halal Industry Towards Green Environment</i> (ID:10)</p> <p><b>EGRET 4:</b> Norhayati Rafida Abdul Rahim, Prof Ismail Abdullah, Noor Azrina Yahya, Siti Zubaidah Muhammad, Norfaizah Nadhrah Ahmad, Safiyyah Ahmad Sabri and Muhammad Nizam Awang - <i>Negotiation of Need Versus Interest Towards Sustainability Development Framework of Halal Talents in Malaysia: A TRIZ Analysis Approach</i> (ID:60)</p>	<p><b>Chairperson:</b> Assoc. Prof. Dr. Nitty Hirawaty Kamarulzaman</p> <p><b>Co-Chairperson:</b> Dr. Noor Faizul Hadry Nordin</p> <p><b>HOPPER 1:</b> Ainin Sulaiman, Ali Feizollah and Siti Qhairunissa Ramli - <i>An Analysis of Halal Cosmetics Related Tweets Among Indonesian, Malaysian and United Kingdom Tweeters</i> (ID:32)</p> <p><b>HOPPER 2:</b> Azliana Abu Bakar Sajak, Azrina Azlan, Faridah Abas and Hazilawati Hamzah - <i>Nutritional composition and Phytochemicals Identification of Herbal Mixture (Lemon, Apple cider, Garlic, Ginger and Honey) and Its Acute Toxicity in Zebrafish Embryo and Wistar Rat</i> (ID:50)</p> <p><b>HOPPER 3:</b> Ting Kau Zae, Azrina Azlan, Azliana Abu Bakar Sajak, Eng Khoo Hock, Mohd Fairulnizal Md Noh and Norhayati Mustafa Khalid - <i>Comparison of Selected Local Honey with Manuka Based on Their Nutritional and Antioxidant Properties</i> (ID:46)</p> <p><b>HOPPER 4:</b> Mumtaz Rabbani and Betania Kartika Muflih - <i>A review on Good Aquaculture Practice for the sustainability of Unani Medical System with regards to Animal based component in medication</i> (ID:48)</p>	<p><b>Chairperson:</b> Dr. Mohd Mahyeddin Hj. Mohd Salleh</p> <p><b>Co-Chairperson:</b> Dr. Amal AM Elgharbaw</p> <p><b>HALEST 1:</b> Muhammad Arif Muhammad, Elistina Abu Bakar and Saodah Ahmad - <i>The Challenges of Halal Certification Authorities in Managing Halal Certification Process in Malaysia</i> (ID:23)</p> <p><b>HALEST 2:</b> Haruna Babatunde Jaiyeoba and Moha Asri Abdullah - <i>Halal Certification Mark, Brand Quality, and Awareness: Do they Influence Buying Decisions of Nigerian Consumers?</i> (ID:9)</p> <p><b>HALEST 3:</b> Mustafa Afifi Ab Halim and Mohd Mahyeddin Mohd Salleh - <i>Consumer Rights In Halal Products: A Study Based On Legal And Syari'ah Perspective</i> (ID:55)</p> <p><b>HALEST 4:</b> Nuraslina Zainal Abidin and Firdaus Fanny Putera Perdana - <i>A Research Framework For Blockchain Technology In Halal Food Product Verification</i> (ID:62)</p>
13:00 – 14:00	Lunch Break and Zuhur Prayer Venue: Banquet Hall & Mosque		

## Parallel Sessions 2

14:00 – 15:30	Seminar Room 7 <b>HUMID I &amp; HASE I</b>	Seminar Room 8 <b>HEAT &amp; HUMID II</b>	Seminar Room 9 <b>HASE II</b>
	<p><b>Chairperson:</b> Dr. Nathasa Mazna Ramli</p> <p><b>Co-Chairperson:</b> Dr. Mohammad Aizat Jamaludin</p> <p><b>HUMID 1:</b> Ainin Sulaiman, Siti Qhairunissa Ramli, Nursyamimi Zawani Mohd Shoid, Nur Haslina Mohamad and Norazlin Mohd Azman - <i>Preliminary Analysis of Intention to Purchase Halal Cosmetics Behavior</i> (ID:31)</p> <p><b>HUMID 2:</b> Suraiya Osman, Suhaimi Ab Rahman and Abdullaah Jalil - <i>Issues in Halal Product Labelling: A Conceptual Paper</i> (ID:59)</p> <p><b>HUMID 3:</b> Moha Asri Abdullah and Md Siddique E Azam - <i>Halal Entrepreneurship from Maqasid-al-Sharia'h Perspective: Inseparable Concept for Halalpreneurs</i> (ID:6)</p> <p><b>HUMID 4:</b> Muhamad Afiq Abd Razak, Mohd Anuar Bin Ramli and Mohammad Aizat Jamaludin - <i>The Potential of Food Terrorism Towards Halal Ecosystem</i> (ID:5)</p> <p><b>HUMID 5:</b> Nurul Hasyima Khairuddin, Nitty Hirawaty Kamarulzaman, Siti Rahayu Hussin and Haslinda Hashim - <i>The Influence of Marketing Strategies and Innovative Market Orientation on Performance of Halal-Certified Agro-Food SMEs</i> (ID:28)</p> <p><b>HASE 1:</b> Hazwani Ahmad Tarmizi, Nitty Hirawaty Kamarulzaman, Azmawani Abd Rahman and Rodziah Atan - <i>Adoption Of Internet Of Thing Among Malaysian Halal Agro-Food Smes And Its Challenges</i> (ID:45)</p>	<p><b>Chairperson:</b> Dr. Nor'azzah Kamri</p> <p><b>Co-Chairperson:</b> Dr. Haruna Babatunde Jaiyeoba</p> <p><b>HEAT 1:</b> Hazri Jamil, Amelia Yuliana Abd Wahab, Abdul Rahman Abdul Razak and Nurhidayu Al-Saari - <i>Exploring Internationalization Strategy of Higher Education Institutions and Halal Food Ecosystem in Malaysia</i> (ID:44)</p> <p><b>HEAT 2:</b> Wan Afiq Husaini Wan Ali Munawar, Azura Amid and Aszrin Abdullah - <i>Effects of Ketogenic Diet Intervention on Selected Obese IIUM Students During Ramadhan</i> (ID:43)</p> <p><b>HEAT 3:</b> Jemal Saeed - <i>Halal Education</i> (ID:53)</p> <p><b>HEAT 4 :</b> Raudlotul Firdaus Fatah Yasin - <i>Moderating Effect Of Ulul Albab On Competitive Intelligence For Competitive Advantage of Halal Based Organisation</i> (ID:53)</p> <p><b>HUMID 6:</b> Raudlotul Firdaus Fatah Yasin , Mek Wok Mahmud, Aulia Arifatu Diniyya - <i>Significance of Financial Literacy on Halal Business among Women Entrepreneur</i> (ID:67)</p> <p><b>HUMID 7:</b> Ali Erkam Yazar - <i>Study of Fast Food Brands in Malaysia</i> (video conference) (ID:35)</p>	<p><b>Chairperson:</b> Dr. Mustafa 'Afifi Ab. Halim</p> <p><b>Co-Chairperson:</b> Dr. Khairusy Syakirin H-Y Hashim</p> <p><b>HASE 2:</b> Mumtaz Rabbani, Khairusy Syakirin Has-Yun and Betania Kartika Muflih - <i>Unani Medical Tourism in India: Scope, Influential Factors, Development Strategies</i> (ID:25)</p> <p><b>HASE 3:</b> Mohamed Battour - <i>The perception of non-Muslim tourists visiting Malaysia: Religiosity as moderator variable</i> (ID:4)</p> <p><b>HASE 4:</b> Hazalina Mat Soha and Mohd Zukime Mat Junoh - <i>Malaysian Halal-certified Firms' Intention to Adopt Islamic Financing: An Extension of the Theory of Diffusion of Innovation</i> (ID:27)</p> <p><b>HASE 5:</b> Noor Amalina Mat Yusof, Wan Jamaliah Wan Jusoh and Khairusy Syakirin Has-Yun Hashim - <i>Service climate and service behavior to customer satisfaction: A multilevel study of Muslim-friendly hotel</i> (ID:18)</p> <p><b>HASE :</b> Ahmad Syarief Fadhli, Raudlotul Firdaus Fatah Yasin, Syamilah Heng Kamal Koh - <i>Halal Hospitality For Senior Citizens In Malaysia, Analytical Study From Islamic Perspective</i> (ID:68)</p>

## Parallel Sessions 3

15:30 – 17:15	Seminar Room 7 <b>HOPPER III</b>	Seminar Room 8 <b>HOPPER IV</b>	Seminar Room 9 <b>HOPPER V</b>
	<p><b>Chairperson:</b> Assoc. Prof. Dr. Yasmin Hanani Mohd Safian</p> <p><b>Co-Chairperson:</b> Dr. Nurhanie Latif</p> <p><b>HOPPER 5:</b> Jusrianti Mohd Omar, Mohd Zuhair Mohd Nor, Mohd Salahuddin Mohd Basri and Nasrul Fikry Che Pa - <i>Guava Juice Clarification by an Ultrafiltration Process at Different Operating Pressures</i> (ID:21)</p>	<p><b>Chairperson:</b> Dr. Zalina Zakaria</p> <p><b>Co-Chairperson:</b> Dr. Mohd Hafidz Mahamad Maifiah</p> <p><b>HOPPER 12:</b> Nurul Nurizzati Othman, Zalina Zakaria and Atiqah Aziz - <i>Legal Control For The Safety Of Cosmetic Products In Malaysia</i> (ID:41)</p>	<p><b>Chairperson:</b> Assoc. Prof. Dr. Rosnah Shamsudin</p> <p><b>Co-Chairperson:</b> Dr. Wan Syibrah Hanisah Wan Sulaiman</p> <p><b>HOPPER 19:</b> Sarah Idris, Rosnah Shamsudin, Mohd Zuhair Mohd Nor, Mohd Noriznan Mokhtar and Siti Salwa Abdul Gani - <i>Physicochemical Composition Of Different Parts Of Cassava (Manihot Esculenta Crantz) Plant</i> (ID:30)</p>



## Parallel Sessions 3

**HOPPER 6:** Puteri Nurain Megat Ahmad Azman, Rosnah Shamsudin, Hasfalina Che Man and Mohammad Effendy Ya'Acob - *Effect of soaking process on physical properties of mature pepper berries (Piper Nigrum L.)* (ID:11)

**HOPPER 7 :** Nanthini Vasudevan, Rabiha Sulaiman, Gun Hean Chong, Noranizan Mohd Adzahan and Nur Atiqah Shaari - *Development of Foam Mat Dried Soursop Powder using Arabic Gum and Fish Gelatin as Foaming Agent* (ID:26)

**HOPPER 8:** Fatma Lestari, Hanifah Wahda, Widayat Widayat, Ahmad Al-Baarri and Anang Legowo - *Physico chemical Properties of Vacuum Packaged Snake Fruits in The Presence of Olive Leave Extract Potentially As Halal Preservation* (ID:52)

**HOPPER 9:** Nur Aimi Aliah Zainurin, Yumi Zuharis Has-Yun Hashim, Nor Fadhillah Mohamed Azmin and Maan Alkhatib - *GCMS-based Profiling Revealed Bioactive Compounds from Aquilaria malaccensis Leaf Extract* (ID:17)

**HOPPER 10:** Mohamed Haniff Hanafy Idris, Muhamad Shirwan Abdullah Sani, Nor Nadiha Mohd Zaki, Amalia Mohd Hashim, Yanty Noorzianna Abdul Manaf, Mohd Nasir Mohd Desa, Mohd Hafis Yuswan Mohd Yusof, Mohd Sukri Abdullah, Yus Aniza Yusof, Siti Zaharah Idris, Mohd Salleh Kamaruddin, Shuhaimi Mustafa. - *Detection of Lard Adulteration in Fish Feed Using Gas Chromatography Mass Spectrometry Combine With Chemometrics* (ID:64)

**HOPPER 11:** Meiny Suzery, Burhan Nurdin and Bambang Cahyono - *Effects of Temperature and Heating Time on Degradation and Antioxidant Activity of Anthocyanin from Roselle Petals (Hibiscus sabdariffa L.)* (ID:40)

**HOPPER 13:** Norhayati Hussain, Izzreen Ishak, Rabiha Sulaiman, Nurfateha Mohd Fauzi and Ranil Coorey - *Influence of Processing Conditions on Rheological Properties of Aqueous Extract Chia (Salvia hispanica L.) Mucilage as a Plant-based Thickener for Food Industry* (ID:8)

**HOPPER 14:** Nurul Hana Zainal Baharin, Nur Fadhillah Khairil Mokhtar, Sahar Abbasiliasi, Amalia Mohd Hashim, Shuhaimi Mustafa, Mohd Nasir Mohd Desa - *Determination of antibacterial activity of Padiococcus acidilactici KP10 and Lactococcus lactis towards Methicillin-resistant Staphylococcus aureus and Vancomycin-resistant Enterococcus* (ID:66)

**HOPPER 15:** Fikratul Najihah Mohamad Nawawi, Intan Syaifinaz Ahmad Fadzly, Noor Safiqah Ain Safingi, Norhayati Mustafa Khalid, Mohd Fairulnizal Md Noh and Azrina Azlan - *Sugar Composition and In Vitro Glycaemic Response of Sugars, Rice Based Meals and Traditional Kuih* (ID:47)

**HOPPER 16:** Nor Asmara Tasrip, Nur Fadhillah Khairil Mokhtar, Md. Eaqub Ali, Cheah Yoke Kqueen, Mohd Nasir Mohd Desa - *Loop-Mediated Isothermal Amplification as an Alternative for Rapid and Sensitive DNA Based Authentication of Animal Species* (ID:65)

**HOPPER 17:** Mohd Hafidz Mahamad Maifiah, Makatar Wae-Hayee, Adilan Hniman and Nawawee Tohyeng - *Detection of Pork in Processed Meat Products by species-specific PCR for halal verification: Food fraud cases in Hat Yai, Thailand* (ID:54)

**HOPPER 18:** Ismarti, K. Triyana, N. A. Fadzilah, H. M. Salleh and N. F. H Nordin - *Optimization of the Maillard reaction of bovine gelatin-xylose model using response surface methodology* (ID:16)

**HOPPER 20:** Widia Pangestika, Ahmad Al-Baarri, Anang Legowo, Anggun Puspitoasih, Mulyana Hadipernata and Wisnu Broto - *Hypoidous Acid (HIO) potentially as Halal Preservative in Influencing towards Quality of Snake Fruit Cultivar Pondoh (Salacca edulis Reinw.) during Low Temperature Storage* (ID:57)

**HOPPER 21:** Widayat Widayat, H Hadiyanto, D.A Putra, Izmi Nursafitri and Hantoro Satriadi - *Waste Cooking Oil Processing for Fatty Acid Methyl Ester and Mono Glycerides Production with Magnetite Catalyst* (ID:33)

**HOPPER 22:** Nazariyah Yahaya, Atiqah Ruqayyah Zabidi, Farah Najiha Fauzi, Mohd Zuhafah Mohamed Jamil, Wan Kamilah Wan Ibrahim, Siti Salwa Abd. Gani and Zalina Zakaria - *Optimization of Polymerase Chain Reaction (PCR) method to Detect Porcine DNA in Cosmetic Cream* (ID:15)

**HOPPER 23:** Ahmad Ni'Matullah Al-Baarri, Anang Mohamad Legowo and Fatma Puji Lestari - *Determination of Scavenging Activity and Physical Phenomenas Maillard Reaction Products from D-tagatose and Methionine* (ID:56)

**HOPPER 24:** Stashia Eleaness Rosland Abel, Yus Aniza Yusof, Nyuk Ling Chin, Lee Sin Chang and Hasanah Mohd. Ghazali - *Physical Properties of Gum Arabic Powder at Various Particle Sizes* (ID:13)

**HOPPER 25:** Nurfarhana Shaari, Prof Madya Dr Rosnah Shamsudin, Dr. Mohd Zuhair Mohd Nor, Prof Madya Dr Norhashila Hashim and Dr Azman Hamzah - *Phenolic, Flavonoids and Anthocyanin Contents of Local Sweet Potato (Ipomoea batatas)* (ID:3)

17:15

Tea Break  
Venue: Banquet Hall

17:30

End of Day 1

Day 2 (Thursday, 22<sup>nd</sup> August 2019)

## Parallel Sessions 4

09.00 – 10:00	Seminar Room 7 <b>HOPPER VI</b>	Seminar Room 8 <b>HOPPER VII</b>	Seminar Room 9 <b>HOPPER VIII</b>
	<p><i>Chairperson:</i> Dr. Nazariyah Yahaya</p> <p><i>Co-Chairperson:</i> Dr. Mohammad Aizat Jamaludin</p> <p><b>HOPPER 26:</b> 'Aliya Afnan Mohd Nasir and Amalia Mohd Hashim - <i>Vortex assisted liquid-liquid extraction and purification of glycerin from cosmetic product</i> (ID:58)</p> <p><b>HOPPER 27:</b> Hazwani Husain and Nur Huda Faujan - <i>Potential Application Of Grey Oyster Mushroom Stem As Halal Meat Replacer In Imitation Chicken Nugget</i> (ID:36)</p> <p><b>HOPPER 28:</b> Nur Syahiba Haseena Ahmad Sowhini, Muhammad Shirwan Abdullah Sani, Yumi Zuhani Has-Yun Hashim, Rashidi Othman, Mohd Hafidz Mahamad Maifiah and Mohd Nasir Mohd Desa - <i>Antibacterial Test, Toxicity And Application Of Plant Seed Extracts: A Review</i> (ID:38)</p> <p><b>HOPPER 29:</b> Amal Elgharbawy, Azrini Azmi and Hamzah Mohd Salleh - <i>Ionic Liquids: Promising Solvent for Halal Industry</i> (ID:12)</p>	<p><i>Chairperson:</i> Dr. Syaza Azhari</p> <p><i>Co-Chairperson:</i> Dr. Nur Azira Tukiran</p> <p><b>HOPPER 30:</b> Nurfatim Syahirah Mohamed Ali, Atiqah Ruqayyah Zabidi, Mohd Nazmi Abd Manap, Shikh Mohd Shahrul Nizan Shikh Zahari and Nazariyah Yahaya - <i>Effect of Different Slaughtering Methods on metabolites of Broiler Chickens using Liquid Chromatography- Time of Flight- Mass Spectrometry (LC-TOF-MS)</i>(ID:22)</p> <p><b>HOPPER 31:</b> Nurhusna Sam-sudin, Yumi Zuhani Has-Yun Hashim, Hamzah Mohd. Salleh - <i>In-silico approach in risk assessment of nutraceutical Properties</i> (ID:37)</p> <p><b>HOPPER 32:</b> Nurulhidayah Ahmad Fadzillah, Nurul Widad Fitri Muhammad, Hamzah Mohd Salleh, Rashidi Othman and Abdul Rohman - <i>Physicochemical Properties of Dragon Fruit Peel Pectin and Commercial Pectin: A Comparison</i> (ID:24)</p> <p><b>HOPPER 33:</b> Norhayati Hussain, Najjah Azhar and Nor Aqilah Abd Rahim - <i>Physicochemical qualities of chili padi Centil (Capsicum frutescens) powders at different drying temperatures</i> (ID:19)</p>	<p><i>Chairperson:</i> Assoc. Prof. Dr. Waidah Ismail</p> <p><i>Co-Chairperson:</i> Dr. Noor Faizul Hadry Nordin</p> <p><b>HOPPER 34:</b> Muhamad Nur Aminin, Kamarulzaman Nitty Hirawaty and Mohd Nawi Nollila - <i>Factors Influencing Agro-Food Smes' Intention To Adopt Halal Traceability System</i> (ID:34)</p> <p><b>HOPPER 35:</b> Rosnah Shamsudin, Hanny Zurina Hamzah, Kawamura Shuso, Eriko Yasunaga and Fauziah Mahat - <i>A Review : Nutrition Quality And Processing Of Malaysia Strawberry</i> (ID:29)</p> <p><b>HOPPER 36:</b> Zahir Uddin Mohammed Babar, Irwandi Jaswir, Mohd Hafidz, Wan Mohd Azizi, Solachuddin Juahari Arief and Qamar Uddin Ahmad - <i>Neuroprotective Potential Of Water-Soluble Extract And Oil Of Nigella Sativa (L.) Seeds Against Aluminium Chloride-Induced Neurotoxicity In Zebrafish Embryo Models</i> (ID:42)</p>
10:00 – 10:20	Tea Break Venue: Banquet Hall		
10:20 – 11:00	<b>Invited Speaker 2</b> Prof. Dr. Winai Dahlan, The Halal Science Center, Chulalongkorn University, Thailand Title: Practical Algorithms for Uplifting Halal Innovation and Research in New Paradigm of Halal for All Venue: Main Hall		
11:00 – 11:40	<b>Invited Speaker 3</b> Prof. Dr Mohamed M. Mostafa, Gulf University for Science and Technology, Kuwait Title: Sentiment Analysis of Halal Food Venue: Main Hall		
11:40 – 13:00	Forum title: <b>Halal sector in the era of industry 4.0: insight and implication</b>  Moderator: Prof Dr. Shuhaimi Mustafa, IPPH, Universiti Putra Malaysia Panellist 1: Prof. Dr. Marco Tieman, LBB International, Malaysia Panellist 2: Prof. Dr. Pakorn Priyakorn, Halal Standard Institute of Thailand (HSIT), Thailand Panellist 3: Mr. Romzi Sulaiman, Halal Industry Development Corporation (HDC), Malaysian Venue: Main Hall		
13.00	Photo-session		
13.20	Lunch & End of Day 2 Venue: Banquet Hall		